

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-567 REV. E
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-567 REV. 2

REF. TCCA STC: SH92-18

REF. FAA STC: SH989NE AND SH990NE

REF. EASA STC: EASA.IM.R.S.01560 AND EASA.IM.R.S.01561

PURPOSE:

To provide a new location for the cabin fire extinguisher for aircraft equipped with P/N 19810-02-00 (SICMA-198 Seat). For further information on SICMA-198 Seats refer to Airbus CMM 25-12-31.

CHANGE:

For aircraft equipped with P/N 19810-02-00 (SICMA-198 Seat) add section 3.2.3, amend section 5.0 Parts List (ICA Section 25.7) and amend section 4.0 Weight and Balance (ICA Section 25.5) of Vertical Reference Window Installation Instructions D350-567 Rev. E (ICA D350-567 Rev. 2) as follows:

(ADD) 3.2.3 This installation will require access to the under floor structure in the area aft of the pilot's collective stick. To access the under floor structure remove the applicable belly panel in accordance with the applicable Aircraft Maintenance Manual.

Remove and retain the cabin fire extinguisher P/N 1708337 B4 and Fire Extinguisher Support P/N 350A77 0131 40 from existing location. Per Figure 1, select the desired location for the fire extinguisher at either the "Primary" location or "Alternate" location.

Locate the D5420-1 Doubler Plate at the selected location per Figure 1 and transfer mark the holes from the D5420-1 Doubler Plate to the aircraft floor. Drill the nutplate hole pattern shown in Detail A. Touch up the drilled floor surface finish with chemical film (Alodine 1200/1201) per MIL-C-5541 and one coat of MIL-P-85582 or MIL-P-23377 primer.

Locate the D5420-1 Doubler Plate under the floor and install using qty (4) MS21062L3 nutplates and qty (8) MS20426AD3-5 Rivets (rivets fasten through floor and doubler). Locate the Fire Extinguisher Support P/N 350A77 0131 40 over the drilled holes and fasten it to the qty (4) MS21062L3 nutplates using qty (4) AN3-3A Bolts. Torque bolts 20-25 in-lbs (2.3-2.8 N-m). Reinstall the P/N 1708337 Fire Extinguisher per the Aircraft Maintenance Manual.

Reinstall the belly panel per the applicable Aircraft Maintenance Manual.

CHANGE:

Amend Section 25.6 Equipment relocation of ICA D350-567 Rev. 2 as follows:

25.6 EQUIPMENT RELOCATION

(IS) As part of the D350-567 kit installation, the aircraft data plate may have been relocated beneath the RH pilot's seat and the fire extinguisher may have been relocated to the LH side of the pilot's seat per Eurocopter Service Bulletin 25.00.59. See also Dart Drawing D350-567.

Depending on the Aircraft's seating configuration the fire extinguisher may have to be relocated to the LH side of the pilot's seat per Eurocopter Service Bulletin 25.00.59, or relocated to the cabin floor per Dart DSI 9745. See also Dart Drawing D350-567.

(WAS) As part of the D350-567 kit installation, the aircraft data plate may have been relocated beneath the RH pilot's seat and the fire extinguisher may have been relocated to the LH side of the pilot's seat per Eurocopter Service Bulletin 25.00.59. See also Dart Drawing D350-567.

| | |
|---|-----------------------|
| CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01 | |
| APPROVED  | |
| BY: | D. SHEPHERD (DE # 02) |
| DATE: | 16.04.06 |
| CERT. NO.: | SH92-18 |
| ISSUE NO.: | 6 |

| | | | |
|------------|---|---|--------------|
| A | NEW ISSUE (SEE PAR 16-510) | AJS | 16.04.06 |
| REV. | DESCRIPTION | BY | DATE |
| DESIGN | AJS | DART AEROSPACE LTD | |
| DRAWN | AJS | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED |  | DRAWING NO. | REV. A |
| MFG. APPR. | N/A | DSI 9745 | SHEET 1 OF 3 |
| APPROVED |  | TITLE | SCALE |
| DE APPR. |  | ALTERNATE FIRE EX LOCATION | NTS |
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EDIT 5.0/25.7 PARTS LIST:

For customers with kits D350-567-013/-015/-017/-023/-025/-027/-117 @ CHG002 and earlier,
 Customers with kits D350-567-111 @ CHG006 and earlier,
 Customers with kits D350-567-115 @ CHG004 and earlier,
 Customers with kits D350-567-031/-031B/-111B/-115B @ CHG001 and earlier,
 Procure kit DSI 9745-011

| Item | Qty -011 | Part Number | Description |
|------|-------------|--------------|----------------------------------|
| | X | DSI 9745-011 | FIRE EXTINGUISHER RELOCATION KIT |
| 1 | 1 | D5420-1 | DOUBLER PLATE |
| 2 | 4 | AN3-4A | HEX HEAD BOLT |
| 3 | 8 | MS20426AD3-5 | CSK RIVET |
| 4 | 4 | MS21062L3 | NUTPLATE |

For customers with kits D350-567-013/-015/-017/-023/-025/117 @ CHG003 and later,
 Customers with kits D350-567-111 @ CHG007 and later,
 Customers with kits D350-567-115 @ CHG005 and later,
 Customers with kits D350-567-031/-031B/-111B/-115B @ CHG002 and later,
 Refer to Installation Instructions D350-567 and ICA-D350-567 and update the parts list as follows:

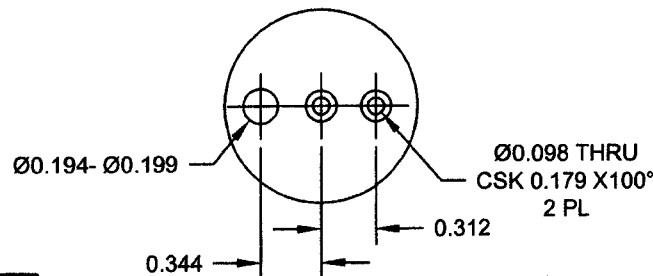
EDIT 5.0 ADD:

| Qty -013 | Qty -023 | Qty -113 | Qty -115 | Qty -031 | Part Number | Description |
|-------------|-------------|-------------|-------------|-------------|--------------|--|
| X | | | | | D350-567-013 | REPLACEMENT WINDOW KIT (SMALL) |
| | X | | | | D350-567-023 | REPLACEMENT WINDOW KIT (LARGE) |
| | | X | | | D350-567-113 | REPLACEMENT WINDOW KIT (EXTRA LARGE) |
| | | | X | | D350-567-115 | INTERIOR FLOOR WINDOW KIT |
| | | | | X | D350-567-031 | INTERIOR FLOOR WINDOW KIT (SLIDING DOOR COMPATIBLE) |
| | | | 1 | 1 | D5420-1 | DOUBLER PLATE |
| | | | 4 | 4 | AN3-4A | HEX HEAD BOLT |
| | | | 8 | 8 | MS20426AD3-5 | CSK RIVET |
| | | | 4 | 4 | MS21062L3 | NUTPLATE |

EDIT 4.0/25.5 WEIGHT AND BALANCE:

*Note: Does not include fire extinguisher weight

| Installation | Weight | LATERAL | | LONGITUDINAL | |
|-----------------------------------|---------|---------|------------|--------------|-----------|
| | | Arm | Moment | Arm | Moment |
| DSI 9745-011 (Primary Location) | 0.1 lb | +1.6 in | +16 in lb | 72.2 in | 7.2 in lb |
| Fire Extinguisher Relocation Kit | 0.05 kg | +0.04 m | +0.02 m kg | 1.83 m | 0.1 m kg |
| DSI 9745-011 (Alternate location) | 0.1 lb | -4.4 in | -44 in lb | 65.4 in | 6.5 in lb |
| Fire Extinguisher Relocation Kit | 0.05 kg | -0.11 m | -0.01 m kg | 1.66 m | 0.1 m kg |

**DETAIL A**

(NUT PLATE HOLE PATTERN)

CANADA
 DEPARTMENT OF TRANSPORT
 AIRCRAFT CERTIFICATION
 BRANCH
 DAO # 01-O-01

APPROVED

BY: *[Signature]*
 D. SHEPHERD (DE # 02)

DATE: 16.04.06
 CERT. NO.: SH92-18
 ISSUE NO.: 6

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| MFG. APPR. | N/A | DSI 9745 SHEET 2 OF 3 |
| APPROVED | <i>[Signature]</i> | TITLE SCALE |
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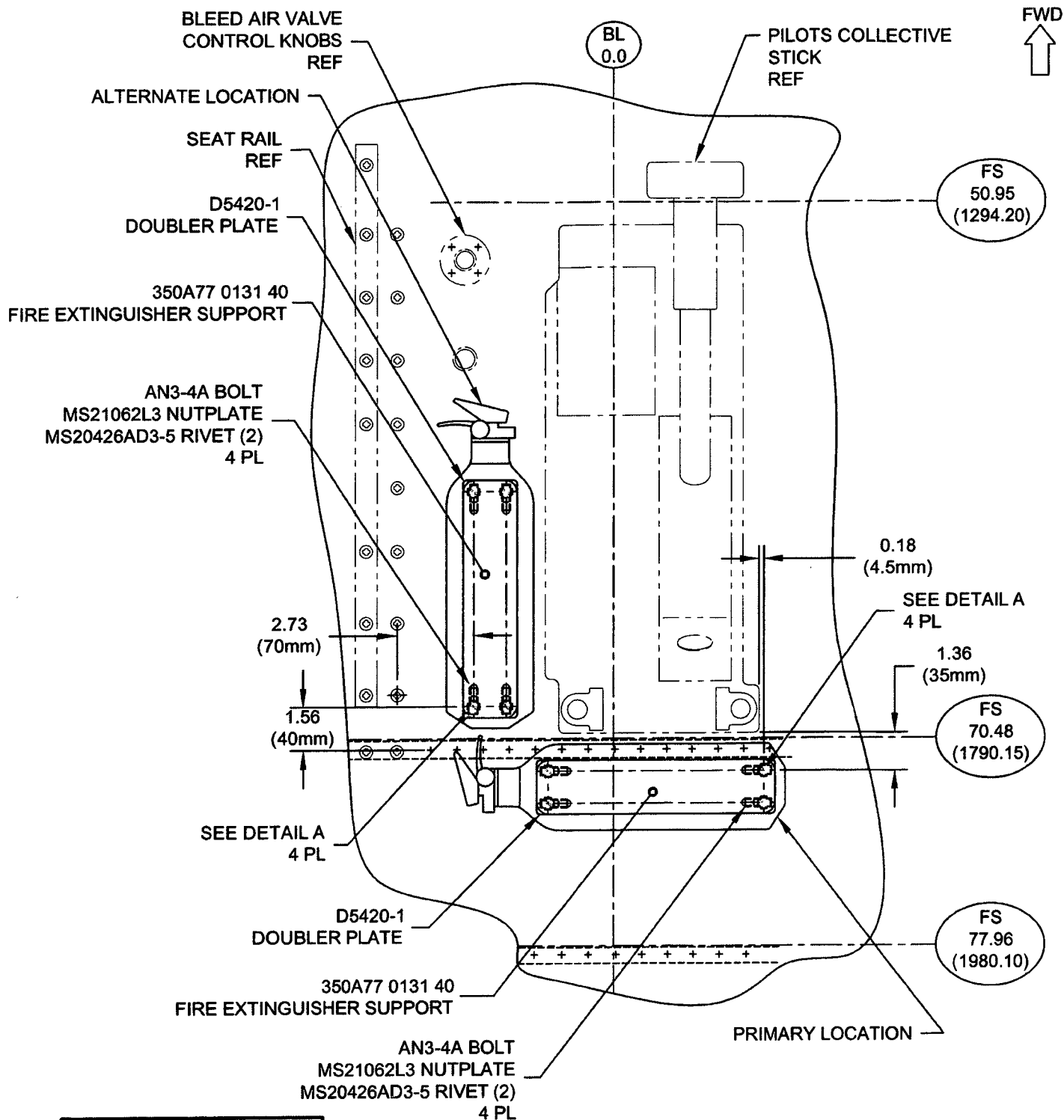


FIGURE 1

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 16.04.06
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